

## REMARKS

The Official Action dated January 28, 2008 has been reviewed. No substantive claim amendment is believed necessary. Applicant's Cross Reference to Related Applications is corrected to make note of the applicant's PCT application, of which this application is the U.S. national stage.

The examiner's regrouping of the claims for purposes of restriction requirement has been noted. For the record, it is noted that the examiner's characterization of the claims is incorrect. The claims of elected Group II are characterized as "drawn to the secondary side self-oscillating synchronous rectifier for flux cancellation." None of these claims, 6, 7, 13 - 16, 23, 24 and 33, mentions or is drawn to "self oscillating" or "secondary side self-oscillating." Only claims 15 and 24 mention "flux cancellation." Claims 6, 7, 13, 14, 16, 23 and 33 are not properly characterized as relating to "flux cancellation."

Claims 6, 7, 13 - 16, 23, 24 and 33 stand rejected as anticipated by the published application of Wittenbreder, No. 2003/0205990. This rejection is respectfully traversed as the Wittenbreder document is not available as prior art as to the present application. Wittenbreder's effective date is the filing date, May 1, 2002. This U.S. national stage application's effective filing date is April 12, 2002, the filing date of applicant's U.S. provisional application from which priority is claimed. Please see applicant's Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 and Combined Declaration and Power of Attorney, copies of which are attached. Withdrawal of the outstanding rejection and allowance of the claims of Group II, claims 6, 7, 13 - 16, 23, 24 and 33 is requested.

With the allowance of independent claim 6, dependent claims 8, 9, 10, 11 and 12 should now also be allowed for their incorporation of the content of claim 6. And with the allowance of claim 6 and dependent claim 13, dependent claims 17, 18, 19, 20, 21 and 22 should be allowed for their incorporation of the content of claims 6 and 13. With the allowance of independent claim 23, dependent claims 25 - 32 should now be allowed for their incorporation of the content of claim 23. And with the allowance of independent claim 33, dependent claims 34 - 37 should be allowed for their incorporation of the content of claim 33.

Early further examination and allowance of this application is respectfully requested. Any questions or suggestions regarding the application or the amended claims submitted herewith should be directed to the undersigned attorneys for applicant at the telephone number listed below or by email to the email address listed below.

No extension of time or other fee is believed necessary for the filing of the enclosed. However, in the event that an extension of time or other fee is found to be needed, applicant requests such extension as may be required and authorizes the U.S. Patent and Trademark Office to charge the deposit account 070135 of the undersigned for any extension or other required fee. A duplicate copy of this page is enclosed.

Respectfully submitted,

**GALLAGHER & KENNEDY, P.A.**

A handwritten signature in black ink, appearing to read 'T D MacBlain', written in a cursive style.

Date: April 28, 2008

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<b>TRANSMITTAL LETTER TO THE UNITED STATES                  DESIGNATED/ELECTED OFFICE (DO/EO/US)                  CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>14609-0029</b>
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. <b>PCT/CH03/00245</b>	INTERNATIONAL FILING DATE <b>11 April 2003</b>	PRIORITY DATE CLAIMED <b>12 April 2002</b>
TITLE OF INVENTION <b>High Efficiency Flyback Converter</b>		
APPLICANT(S) FOR DO/EO/US <b>Ionel D. Jitaru</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <b>PCT Int'l Search Report</b>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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PTO-1390 (Rev. 07-2004)  
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/CH03/00245		ATTORNEY'S DOCKET NUMBER 14609-0029			
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....\$770.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$730.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS</b>		<b>PTO USE ONLY</b>	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	920		
				\$	130		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE				
Total claims	38 - 20 =	18	X \$18.00	\$	324		
Independent claims	6 - 3 =	3	X \$86.00	\$	258		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$			
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1632		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/3.				\$			
<b>SUBTOTAL =</b>				\$	1632		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$			
<b>TOTAL NATIONAL FEE =</b>				\$	1632		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$			
<b>TOTAL FEES ENCLOSED =</b>				\$	1632		
				Amount to be refunded:	\$		
				Amount to be charged:	\$		
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1632.00</u> to cover the above fees is enclosed.							
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>070135</u> . A duplicate copy of this sheet is enclosed.							
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO: Thomas D. MacBlain Gallagher & Kennedy, P.A. 2575 E. Camelback Road Phoenix, Az 85016							
				 SIGNATURE			
				Thomas D. MacBlain NAME			
				24,583 REGISTRATION NUMBER			